

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u> KPCW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> PORT CLINTON	<u>STATE</u> OH		
<u>AIRPORT ELEVATION</u> 590	<u>TDZE</u> 588	<u>SUPERSEDED</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 01/30/2020	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
KUKAF	IF/IAF	HOZDE		TF	FB	1.00	269.73	6.09	1700
HOZDE	FAF	RW27	MAP	TF	FO	0.30	269.66	3.37	
RW27	MAP	842 MSL		CA			269.66		
842 MSL		SALFE		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW27

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT SALFE AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF      (IAF)
- HOLD E KUKAF, RT, 269.73 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 269.66      FAF: HOZDE      DIST FAF TO MAP: 3.37      DIST FAF TO THLD: 3.37
- MIN ALT: KUKAF 2500, HOZDE 1700
- DIST TO THLD FROM OM:      MM:      IM:      150 HAT:      254 HAT: 0.67      GS ANT:
- MIN GP INCPT: 1700      GP ALT AT FAF: HOZDE 1700      OM:      MM:      IM:
- GP ANGLE: 3.00      34:1: IS NOT CLEAR      20:1: IS CLEAR      TCH: 40.0
- MSA FROM: RW27 3100



**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: CIRCLING RWY 18, 36 NA AT NIGHT.

CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.

**ADDITIONAL FLIGHT DATA:**

CHART CIRCLING ICON.

FAS OBST: 805 AAO 413151N/0824710W

HOLD W, RT, 089.44 INBOUND.

CHART FAS OBST: 716 BUILDING (39-080445) 413128N/0824827W.

CHART R-5502 A/B.

CHART VDP AT 1.10 NM TO RW27.

WAAS CHANNEL # 58012

REFERENCE PATH ID: W27A

LTP HAE: 143.7 M

**MINIMUMS:**

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

**ALTERNATE:** NA ☐ STANDARD - CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LPV DA	842	1	254	842	1	254	842	1	254	842	1	254			
LNAV/VNAV DA	969	1 1/8	381	969	1 1/8	381	969	1 1/8	381	969	1 1/8	381			
LNAV MDA	980	1	392	980	1	392	980	1 1/8	392	980	1 1/8	392			
CIRCLING	1140	1	550	1140	1	550	1180	1 1/2	590	1580	3	990			

CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM FOR AMDT 1A, 1B, AND 1C INTO FORM - IAW 8260.19I 8-3-4. C. (3).
2. DELETED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. - AIRNAV DATA UPDATED, VGSI AND DESCENT ANGLES NOW COINCIDENT.
3. UPDATED PBN REQUIREMENT NOTE TO RNP APCH - GPS - 8260-19I PARA 8-6-8B(2).
4. ADDED ADDITIONAL FLIGHT DATA CHART VDP AT 1.10 NM TO RW27 - 20:1 OBSTACLES NO LONGER EXIST.
5. FAS DATA: UPDATED LTP/FTP LATITUDE/LONGITUDE FROM 413104.6310N/0825143.0280W TO 413104.6260N/0825143.0280W; UPDATED LTP/FTP ELLIPSOIDAL HEIGHT FROM +01438 TO +01437 - NEW AIRNAV DATA INCORPORATED.
6. FAS DATA: UPDATED FPAP LATITUDE/LONGITUDE FROM 413053.1325N/0825340.6445W TO 413053.1460N/0825340.6480W-NEW AIRNAV DATA INCORPORATED.
7. UPDATED CRC REMAINDER FORM 30F1B22E TO 5DED17F1- LTP/FTP LATITUDE/LONGITUDE, FPAP LATITUDE/LONGITUDE, AND FPAP ELLIPSOIDAL HEIGHT UPDATED.
8. MOVED BACKUP ALTIMETER NOTES FROM -3 TO REMARKS AS CONTINGENCY NOTE - WEATHER IS ON WMSCR.
9. UPDATED LPV DA/HAT FROM 910/322 TO 842/254 - NEW EVALUATION.
10. UPDATED LNAV/VNAV DA/HAT FROM 956/368 TO 969/381 - NEW EVALUATION.
11. UPDATED LPV VISIBILITY ALL CATS FROM 1 1/8 SM TO 1 SM - NEW VISIBILITY CALCULATIONS.
12. UPDATED LNAV/VNAV VISIBILITY ALL CATS FROM 1 1/4 SM TO 1 1/8 SM - NEW VISIBILITY CALCULATIONS.
13. UPDATED TERMINAL ROUTES, MISSED APPROACH SEGMENTS FROM "910 MSL TO MANGS" AND "MANGS TO VASHO" TO "842 MSL TO SALFE" - MISSED APPROACH REDESIGNED TO MEET CURRENT CRITERIA.
14. CHANGED MISSED APPROACH FROM "CLIMB TO 3000 DIRECT MANGS AND ON TRACK 188.53 TO VASHO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000" TO "CLIMB TO 3000 DIRECT SALFE AND HOLD" - ROUTE CHANGED TO COMPLY WITH CURRENT CRITERIA.
15. ADDED PROFILE LINE 7: 20:1 IS CLEAR. - NO 20:1 PENETRATIONS PRESENT.
16. UPDATED COURSE FOR LEG KUKAF TO HOZDE IN TERMINAL ROUTES FROM "269.74" TO "269.73" -NEW EVALUATION MOVED FAF.
17. UPDATED COURSE FOR LEG HOZDE TO RW27 IN TERMINAL ROUTES FROM "269.65" TO "269.66" -NEW EVALUATION MOVED FAF.
18. UPDATED COURSE FOR LEG RW27 TO 842 MSL IN TERMINAL ROUTES FROM "269.65" TO "269.66" -NEW EVALUATION MOVED FAF.
19. UPDATED CA ALTITUDE IN TERMINAL ROUTES FROM "910 MSL" TO "842 MSL" - IAW 8260.58B PARA 3-5-2.
20. UPDATED LINE 2 FROM "HOLD E KUKAF, RT, 269.74 INBOUND, 2500 FT. IN LIEU OF PT (IAF)" TO "HOLD E KUKAF, RT, 269.73 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000" -INBOUND COURSE CHANGE DUE TO MOVEMENT OF FAF AND "MAX 6000" DUE TO UPDATED CRITERIA.
21. UPDATED LINE 3 FAC FROM "269.65" TO 269.66"-NEW EVALUATION MOVED FAF.
22. ADDED LINE 5 DIST TO THLD FROM 254 HAT .067 AND REMOVED DIST TO THLD FROM 322 HAT: 0.89 NM FROM ADDITIONAL FLIGHT DATA -IAW 8260.19I PARA 8-6-7E(3).
23. REMOVED FAHRENHEIT TEMPERATURES FROM BARO-VNAV NOTE. - IAW 8260.19I PARA 8-6-9 R.
24. UPDATED ALTERNATE MINIMUMS FROM "@ NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD - CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE" -WX ON WMSCR; IAW .19I MEMO 276 ATTACHMENT 4 PARA 5B.
25. UPDATED ADDITIONAL FLIGHT DATA: HOLDING INFORMATION FROM "HOLD W, RT, 098.64 INBOUND" TO "HOLD W, RT, 089.44 INBOUND" - NEW MISSED APPROACH SEGMENT.
26. UPDATED ADDITIONAL FLIGHT DATA: RESTRICTED AREA INFORMATION FROM "CHART RESTRICTED AREA 5502 A/B" TO ".CHART R-5502 A/B" - IAW 8260.19I PARA 8-6-10 I.
27. UPDATED ADDITIONAL FLIGHT DATA: CHART FAS OBST FROM "706 TOWER 413032N/0825129W" TO "716 BUILDING (39-080445) 413128N/0824827W" - NEW EVALUATION.
28. ADDED ADDITIONAL FLIGHT DATA: FAS OBST: 805 AAO 413151N/0824710W- NEW EVALUATION, 7:1 OBST (AAO) RELIEF APPLIED.
29. UPDATED ADDITIONAL FLIGHT DATA: LTP HAE FROM "143.8 M" TO "143.7 M" - NEW AIRNAV DATA.
30. CHANGED HELICOPTER VISIBILITY NOTE FROM "3/4" TO "1" - PER FPT VISIBILITY LIMITED TO 1SM DUE TO RWY PROTECTION ZONE ISSUES.

COORDINATED WITH:

A4A ☐

ALPA ☒

AOPA ☒

APA ☐

HAI ☐

NBAA ☒

OTHER: ZOB, CLE APP CON, AMGR

FLIGHT CHECKED BY

BRIAN P CARSON

Digitally signed by

DONALD H LANIER

Dec 06, 2021

OFFICE

FPO

DATE

12/02/2021

DEVELOPED BY

DONALD H. LANIER (SCOTT LINDHOLM)

Digitally signed by

DONALD H LANIER

Dec 06, 2021

OFFICE

AJV-A431

DATE

09/29/2021

APPROVED BY

LONNIE EVERHART

Digitally signed by

DONALD H LANIER

Dec 06, 2021

OFFICE

AJV-A431

DATE

01/27/2022

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPCW
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	413104.6260N
LTP/FTP LONGITUDE	0825143.0280W
LTP/FTP ELLIPSOIDAL HEIGHT	+01437
FPAP LATITUDE	413053.1460N
FPAP LONGITUDE	0825340.6480W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1088
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5DED17F1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01793
FPAP ORTHOMETRIC HEIGHT	+01793

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KPCW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>AMDT NO.</u> 2	<u>CITY</u> PORT CLINTON	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 590	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE

FROM KUKAF (IF/IAF) TO HOZDE

<u>RNP</u>	<u>DISTANCE</u> 6.09	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	413142.00N/0824433.00W		906	50	20	2C	500					1500
TERRAIN	413142.00N/0824433.00W		706 (700)								AS1000	1700

COMPUTATIONS

ALT   KIAS   KTAS   HAA   VKTW   TR   BA   DTA   COURSE CHANGE   DVEB   VEB OCS   RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM HOZDE TO RW27

<u>RNP</u>	<u>DISTANCE</u> 3.37	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 254	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (39-079197)	413109.42N/0825128.92W		666	20	3	1A		34.00:1			MA4	842

COMPUTATIONS

ALT   KIAS   KTAS   HAA   VKTW   TR   BA   DTA   COURSE CHANGE   DVEB   VEB OCS   RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM  
HOZDE

TO  
RW27

<u>RNP</u>	<u>DISTANCE</u> 3.37	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 381			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (39-080145)	413123.31N/0825023.90W		694	20	3	1A		23.42:1				969

COMPUTATIONS

ALT  
KIAS  
KTAS  
HAA  
VKTW  
TR  
BA  
DTA  
COURSE CHANGE  
DVEB  
VEB OCS  
RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM  
HOZDE

TO  
RW27

<u>RNP</u>	<u>DISTANCE</u> 3.37	<u>PAT</u>	<u>MAP</u> RW27	<u>HAT</u> 392			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
BUILDING (39-080445)	413127.70N/0824827.33W		716	20	3	1A	250					980

COMPUTATIONS

ALT  
KIAS  
KTAS  
HAA  
VKTW  
TR  
BA  
DTA  
COURSE CHANGE  
DVEB  
VEB OCS  
RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM  
KUKAF

TO  
P-5

RNP	DISTANCE	PAT P-5	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-003697)	412905.00N/0824112.00W		1018	50	20	2C	1000				AT482	2500
TERRAIN	413142.00N/0824433.00W		706 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LPV

FROM  
DA

TO  
SALFE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 653					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (39-081643)	413113.46N/0825117.75W		674	20	3	1A		ASC				3000
TOWER (39-001377)	413027.67N/0825737.60W		1228	250	50	4D	1000					2300
TERRAIN	413151.00N/0825142.00W		639 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LNAV/VNAV

FROM  
DA

TO  
SALFE

RNP	DISTANCE	PAT	MAP	HAT			HMAS 808					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-001377)	413027.67N/0825737.60W		1228	250	50	4D	1000					2300
TERRAIN	413151.00N/0825142.00W		639 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM  
RW27

TO  
SALFE

RNP	DISTANCE	PAT	MAP	HAT			HMAS 880					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-001377)	413027.67N/0825737.60W		1228	250	50	4D	1000					2300
TERRAIN	413151.00N/0825142.00W		639 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:





CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
ANTENNA (39-081495)	413027.27N/0825400.45W	1.30	550	780	20	3	1A	300		XP60	1140
CATEGORY B											
ANTENNA (39-081495)	413027.27N/0825400.45W	1.83	550	780	20	3	1A	300		XP60	1140
CATEGORY C											
TOWER (39-000731)	413044.00N/0825624.00W	2.87	590	808	250	50	4D	300		AC50 XP22	1180
CATEGORY D											
TOWER (39-001377)	413027.67N/0825737.60W	3.75	990	1228	250	50	4D	300		AC50	1580

CIRCLING REMARKS:  
XP60 TO MAINTAIN CURRENT CAT A CMDA, XP60 TO MAINTAIN CURRENT CAT B CMDA, XP22 TO MAINTAIN CURRENT CAT C CMDA.

MSA

CENTER  
RW27

RADIUS  
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (39-000350)	414003.00N/0832122.00W	300	23.2	2015	500	50	5D	1000			3100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
ZOB ARTCC, CLE APP CON, CLE FSS

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> KPCW	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KPCW	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KTDZ	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KTDZ	<u>DISTANCE</u> 27.761	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 69

WX REMARKS:  
RASS PRESSURE PATTERNS THE SAME  
KPCW 590, KTDZ 623  
RA = 68.5.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW18 - MIRL (PCL)		BSC-F	
RW36 - MIRL (PCL)		BSC-F	
RW9 - HIRL (PCL), REIL (PCL), PAPI-4L		NPI-G	
RW27 - HIRL (PCL), REIL (PCL), PAPI-4L		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 588.2	<u>TCH</u> 40.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 40.0
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	201
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -16C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -16C	<u>APT ISA</u> +13.83C
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CRITICAL TEMPERATURE REMARKS:  
AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 963 HIGH TEMP 1270.



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	CIRCLING RWY 18		
20:1			
661 TREE (39-080494) 413128.94N/0825206.85W (11.04)		670 TREE (39-079944) 413131.27N/0825206.03W (8.38)	
669 TREE (39-079366) 413131.21N/0825205.77W (7.72)		668 TREE (39-081014) 413131.40N/0825205.99W (5.72)	
666 TREE (39-079568) 413131.11N/0825205.78W (5.22)		639 TREE (39-080459) 413126.13N/0825157.62W (4.56)	
Final Type	CIRCLING RWY 36		
20:1			
648 TREE (39-080743) 413021.30N/0825202.38W (0.26)			
Final Type	LPV, LNAV/VNAV, LNAV		
34:1			
664 TREE (39-028220) 413111.64N/0825116.04W (19.12)		662 TREE (39-028243) 413111.40N/0825114.28W (13.3)	
632 TREE (39-079771) 413106.05N/0825125.26W (9.71)		634 TREE (39-079860) 413106.86N/0825124.07W (8.76)	
631 TREE (39-079676) 413106.09N/0825124.92W (7.94)		628 TREE (39-081718) 413106.22N/0825125.43W (6.02)	
628 TREE (39-080213) 413106.51N/0825124.98W (4.91)		614 TREE (39-080744) 413108.98N/0825130.23W (1.62)	
625 TREE (39-081299) 413106.82N/0825124.51W (0.75)		606 TRAVERSE WAY (39-079350) 413103.61N/0825132.44W (0.58)	
606 TRAVERSE WAY (39-080435) 413104.17N/0825132.41W (0.3)		606 TRAVERSE WAY (39-080906) 413104.64N/0825132.39W (0.07)	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or  
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:



**PART C: GENERAL REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VEGETATION HEIGHT 100FT PER FPT.

TAA NOT DEVELOPED PER FPT.

CONTINGENCY USE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TOLEDO EXEC ALTIMETER SETTING: INCREASE LPV DA TO 911 FEET, LNAV/VNAV DA TO 1038 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 80 FEET AND VISIBILITY LNAV CAT C/D 1/4 SM, AND CIRCLING CAT C 1/4 SM. BARO-VNAV AND VDP NA WHEN WHEN USING TOLEDO EXEC ALTIMETER SETTING.

ORDER 8260.3 CHAPTER 2 APPLIED TO 805 AAO 413151N/0824710W.

PER FPT VISIBILITY LIMITED TO 1SM DUE TO RWY PROTECTION ZONE ISSUES.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<b>AIRPORT ID</b> KPCW	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 27	<b>AMDT NO.</b> 2	<b>CITY</b> PORT CLINTON	<b>STATE</b> OH	<b>AIRPORT ELEVATION</b> 590	<b>FACILITY</b> RNAV
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.05
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.94
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	262.66
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	600
DISTANCE FROM	THLD	TO 1500FT POINT	8.86
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	262.73
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	700

THRESHOLD  
COORDINATES  
(IF STR-IN)

413104.63N/0825143.03W

ARP COORDINATES

413058.60N/0825210.20W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 9 DISTANCE 0.55 NM

FAF  
COORDINATES

413130.52N/0824716.41W

FIX NAME  
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED  
THLD DISPLACED 201FT, ACTUAL COORDINATES: 413104.88N/0825140.41W.

QUALITY  
29  
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> DONALD H. LANIER (SCOTT LINDHOLM)	<u>OFFICE</u> AJV-A431	<u>DATE</u> 09/29/2021	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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